

New Mexico - (Roswell Field Office)

FY 2003 Livestock Manure Management Concern - Ranking Criteria Worksheet

Applicant Tract # Farm # Date

Tribal land Non-Tribal Facility Status A-B-or C

1. Distance to Surface Water or Well - Potential Points 25

		Points		Existing
Determine the shortest distance from the livestock facility to the nearest downstream surface water or any well. Surface water may include a perennial or intermittent stream, river, lake, pond, irrigation canal, or wetland.	<100 Ft.	25		
	101-250 Ft.	15		
	251-500 Ft.	10		
	501-1,320 Ft.	5		
	>1,320 Ft.	0		
TOTAL				0

2. Depth to Seasonal Water Table - Potential Points 35

		Points		
Determine the least distance from the ground surface to the top of the seasonal water table or aquifer at the livestock facility. Use information from on-site investigations, soil surveys, well completion reports, producer information, etc.	<10 Ft.	35		
	11-50 Ft.	25		
	51-100 Ft.	10		
	101-200 Ft.	5		
	>200 Ft.	0		
TOTAL				0

3. Monitoring Well Nitrate Contamination - 25

		Points		Existing
Determine level of nitrate contamination based on analyses for monitoring wells located hydrologically down-gradient from livestock facility and/or manure application field.	0-5 ppm	25		
	5-9 ppm	15		
	10-15 ppm	10		
	15-20 ppm	5		
	>20 ppm	0		
TOTAL				0

4. Status of Current Manure Facility/Operation - 60

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		
Storage and Treatment	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		
Seepage	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		
TOTAL			0	0

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5. Manure Utilization (On-Site Land Application A through D - Maximum 105 Points)

See instructions on next page.						Max. Points	Benchmark	After	
A. Animal Density Status/Change						Extra High = 0 Pts High =(10) Pts Med. = (30) Pts Low =(40) Pts	40		
B. Phosphorus Risk (Current/Planned)		Very High 0	High 2	Medium 5	Low 7	Very Low 10	10		
C. Potential for Leaching			Yes = 0 Points No =(ie.10) Points			10			
D. Irrigation Efficiency (Use FIRS to evaluate)		% of Area in Contract (present condition)		% of Area in Contract (planned condition)		Max. Points	Benchmark	After	
1-20%						0			
21-30%						5			
31-40%						10			
41-50%						20			
51-60%						25			
61-70%						30			
71-80%						35			
>80%						45			
TOTAL							0	0	

(minus) Total Benchmark Pts
 equals Total Pts for Ranking

Designated Conservationist Date

A - Existing facility needing improvements **B** - Expansion of existing facility **C** - Development of new facility